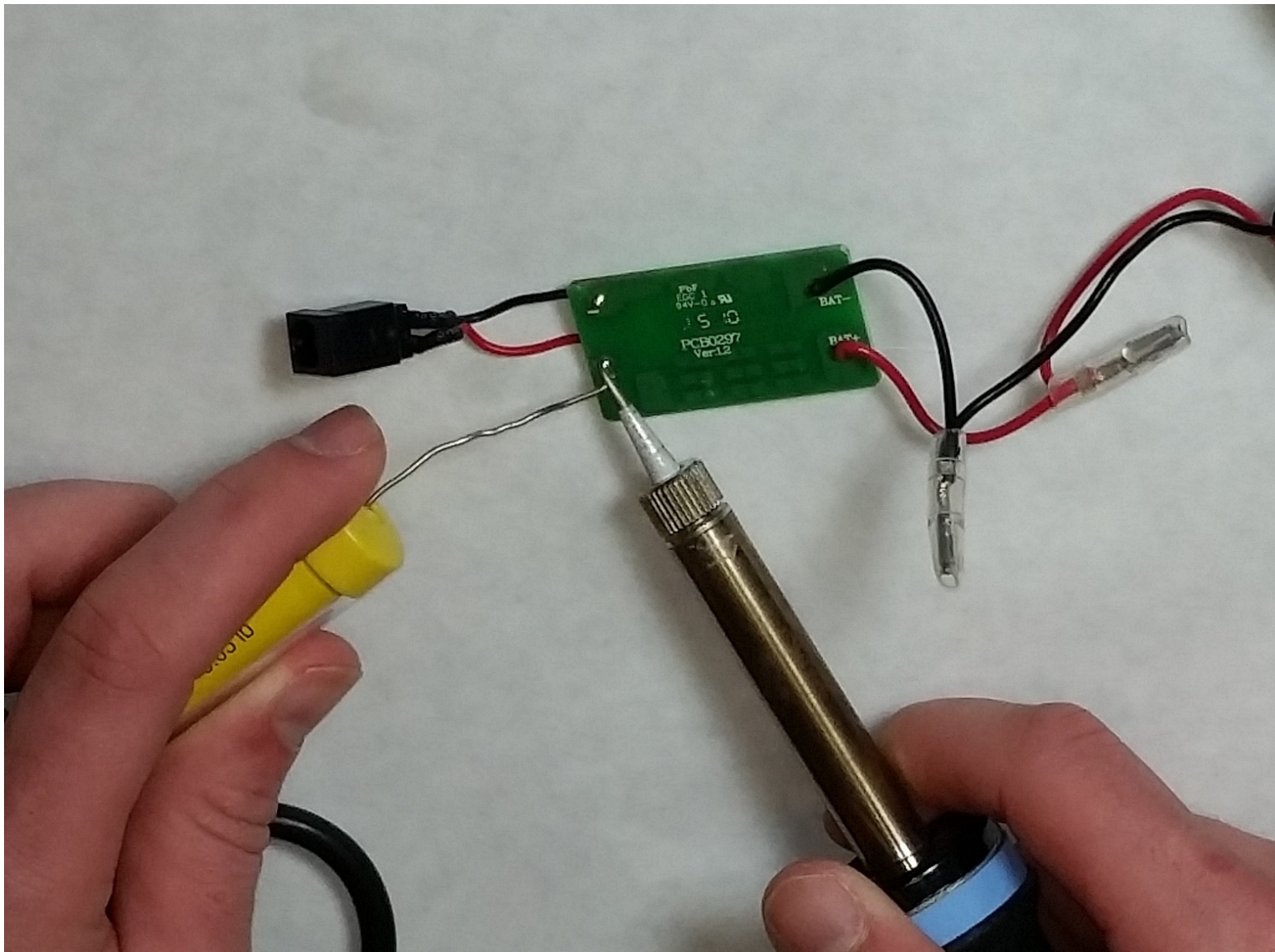




# Black and Decker LI2000 Circuit Board Replacement

Replace the circuit board.

Written By: Katherine Simmons



## INTRODUCTION

Use this guide to remove or replace the circuit board in your Black and Decker LI2000.

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### TOOLS:

- [Phillips #000 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Solder](#) (1)
  - [Soldering Station](#) (1)
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## Step 1 — Orange Casing



- Remove the following five screws
  - Three 20 mm Phillips #1 screws
  - One 10 mm #000 Phillips screw
  - One 13 mm Phillips 31 screw

 When you remove the 13 mm screw, the spring may pop out of the screwdriver. Point the backside of the screwdriver away from your face and others.

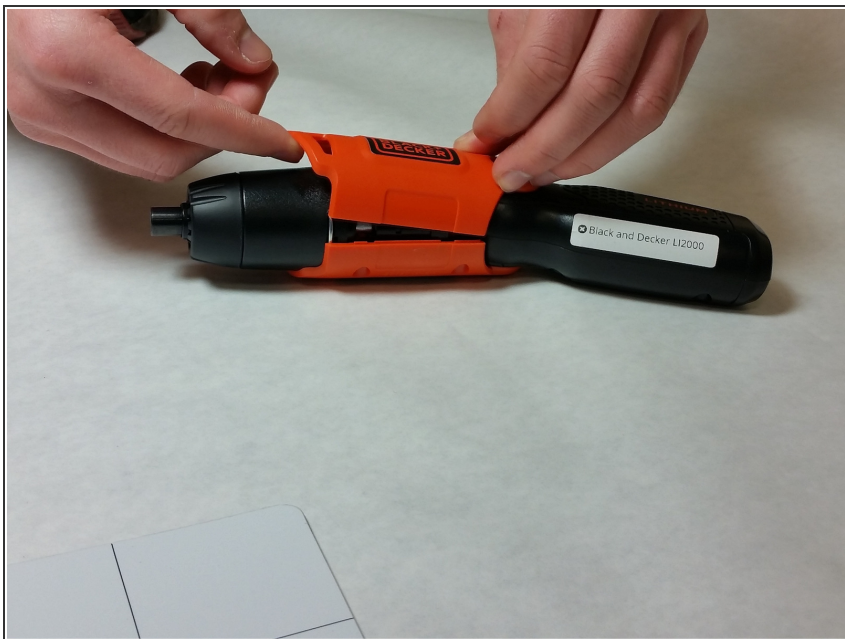
## Step 2



- Remove the black sticker with recycling information.



## Step 3



- Use your fingers or a plastic opening tool to pry the casing apart.

## Step 4



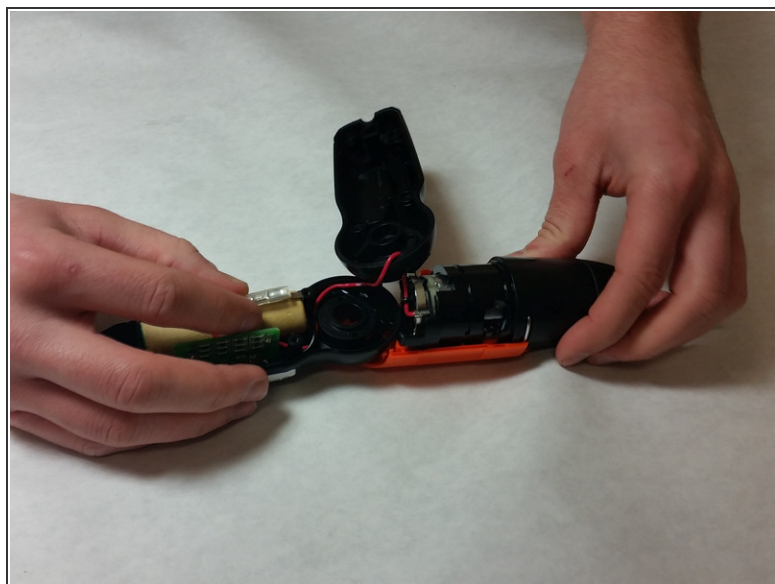
- Remove the plastic slider by picking it up off the screwdriver.
- ⓘ You may consider leaving half of the casing on the screwdriver to make handling the screwdriver easier.

## Step 5 — Handle



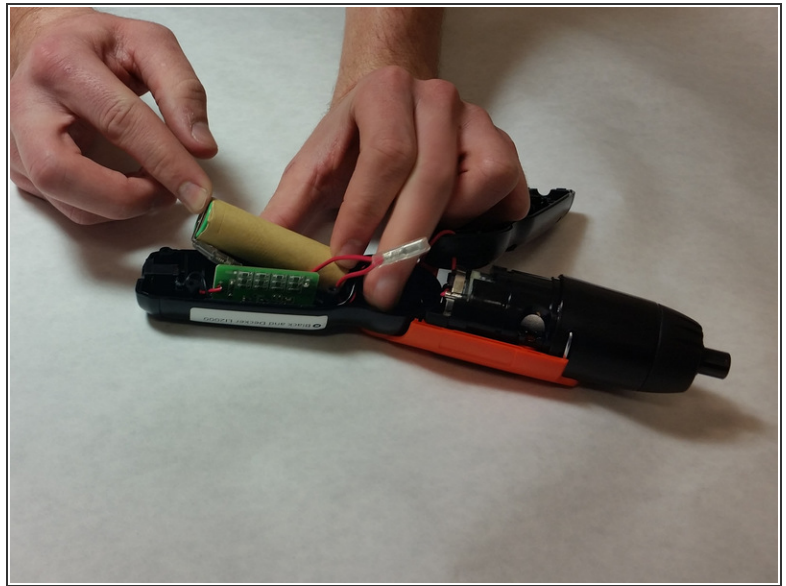
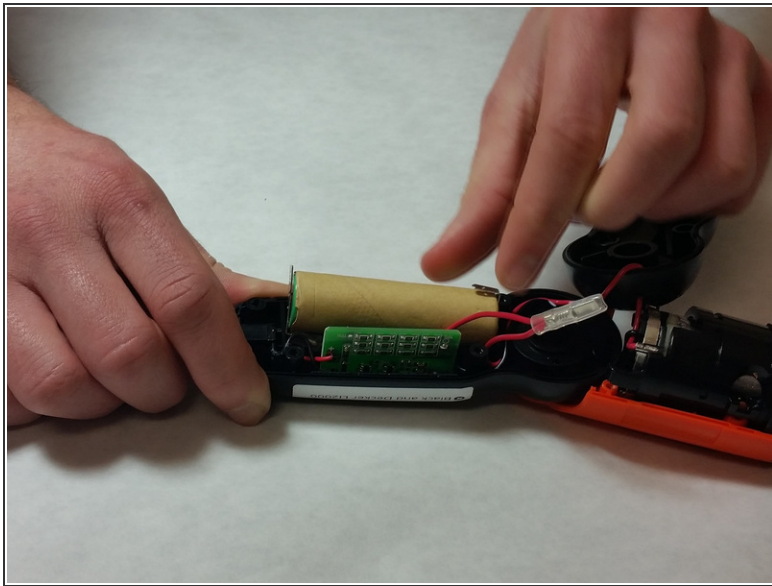
- Remove the four 15mm Phillips #1 screws.

## Step 6



- Use a plastic opening tool to pry the casing apart.

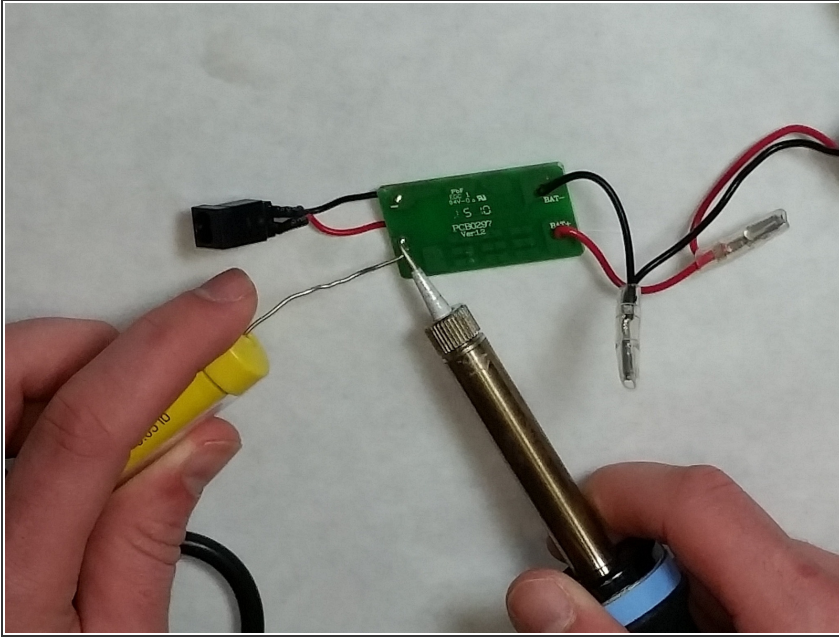
## Step 7 — Battery



- Using pliers or your fingers, remove the leads off of the battery.

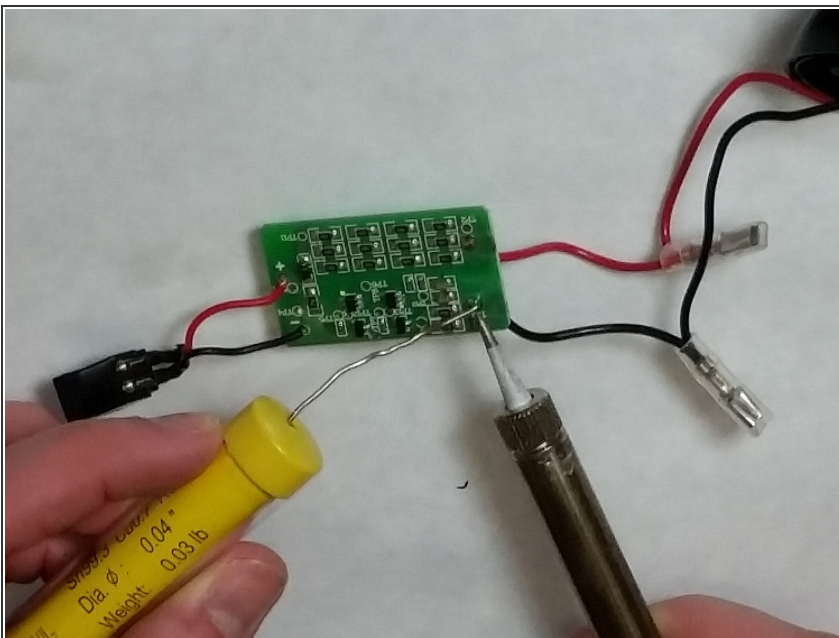


## Step 8 — Circuit Board



- Refer to the [Soldering Technique Guide](#) to remove the wires on the circuit board that connect the charging adapter by applying heat from iron to existing solder on the board.
- ① Keep track of which wire connected to which part of the board.

## Step 9



- Refer to the [Soldering Technique Guide](#) to remove the wires from the circuit board that connect to the battery by heating the existing solder on the leads.
- ① Keep track of which wire was connected to which part of the circuit board.

To reassemble your device, follow these instructions in reverse order.